Applicant/Over         Endninge         State         Minterools         Sampling Point         PO0531U           Landform [Mildloge, terrace, tot]	Latitud 3 (2011) U.S. feet al for this time of significantly o naturally problo <b>ving sampling po</b>	State: Section, Town: Local Relie 47.80529663 e: year? (if no, exp disturbed? Are " ematic? (If need	ship, Range: ef (concave, con 43 Longi  blain in Remarks Normal Circum	ivex, none): -96.46203872 itude: NWI Classificatio s): stances" present?	0-2 Slope (%):
And/or All       Section, Township, Range:	Latitud 3 (2011) U.S. feet al for this time of significantly o naturally problo <b>ving sampling po</b>	Section, Town Local Relie 47.80529663 e: year? (if no, exp disturbed? Are " ematic? (If need	ship, Range: ef (concave, con 43 Longi  Jain in Remarks Normal Circum	ivex, none): -96.46203872 itude: NWI Classificatio s): stances" present?	Slope (%):
andform (hillstope, terrace, etc):	Latitud 3 (2011) U.S. feet al for this time of significantly o naturally problo <b>ving sampling po</b>	Local Relie 47.80529663 e: year? (if no, exp disturbed? Are " ematic? (If nee	ef (concave, con 43 Longi Longi  olain in Remarks Normal Circum	Linea .vex, none): .uude: 	Slope (%):
subregion (LRB or MLBA):	Latitud 3 (2011) U.S. feet al for this time of significantly o naturally problo <b>ving sampling po</b>	47.80529663 e: year? (if no, exp disturbed? Are " ematic? (If need	43 Longi	tude: NWI Classificatio s): stances" present?	n:
Subtrajion (IRB or MIRA):	3 (2011) U.S. feet al for this time of significantly o naturally proble ving sampling po	e: year? (if no, exp disturbed? Are " ematic? (If need	Longi	NWI Classificatio	-
Datum:       1148       NWI Classification:         ioil Map Unit Name:       1148       NWI Classification:         ve vegetation:       No       significantly disturbed? Are Normal Circumstances* present?         ve vegetation:	al for this time of 	<sup>-</sup> year? (if no, exp disturbed? Are " ematic? (If need	Normal Circum	s): Yes stances" present?	-
Bioli Mu Prince       NWI Classification         Vec elimatic/hydrologic conditions on the site typical for this time of year? (if no, explain in Remarks):       Yes         Vec Vegetation No       Soil No       or Hydrology No         subMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.       No         Hydrophytic Vegetation Present?       No       Is the Sampled Area         Writin Sulf Present?       No       Is the Sampled Area         Wethand Hydrology Present?       No       Is the Sampled Area         Wethand Hydrology Present?       No       Is the Sampled Area         Wethand Hydrology Present?       No       If yes, optional Wethand Site ID:         The upland is located in a cleared pipeline corridor between a crop field and river. Vegetation Is dominated by smooth brane.       Vecetations, 1         Vecetation - Use scientific names of plants.       Solutu       No       That Area (Size Area         1	<sup>D</sup> significantly o naturally proble ving sampling po	disturbed? Are " ematic? (If nee	Normal Circum	s): Yes stances" present?	-
Ve climatic/hydrologic conditions on the die hydrolog No_ significantly disturbed? Are "Normal Circumstances" present? Yes	<sup>D</sup> significantly o naturally proble ving sampling po	disturbed? Are " ematic? (If nee	Normal Circum	Yes stances" present?	Yes
No       Soil No.       or Hydrology Vo.       significantly disturbed? Are 'Normal Circumstances' present?         No       Soil No.       or Hydrology No.       naturally problematic? (If needed, copiain any answers in Remarks)         SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transacts, important features, etc.       No.         Hydrology Present?       No.       Is the Sampled Area within a Wetland?         Hydrology Present?       No.       If yes, optional Wetland Site ID.         Remarks: (Explain alternative procedures here or in a separate report.)       The uphal alternative procedures here or in a separate report.)         The uphal is located in a cleared pipeline corridor between a crop field and river. Vegetation is dominated by smooth brome.         VEGETATION - Use scientific names of plants.       Dominant 'No.         1	<sup>D</sup> significantly o naturally proble ving sampling po	disturbed? Are " ematic? (If nee	Normal Circum	Yes stances" present?	
No       Soll       No       net/ratily problematic?       (fineded, copiain any answers in Remarks)         SUMMARY OF FINDINGS - Attach site map showing sampling point locations, transects, important features, etc.       No       No         Hydrophytic Vagetation Present?       No       No       No         Wetland Hydrology Present?       No       No       No         Method Status       No       If yes, optional Wetland Site ID:	_ naturally proble	ematic? (If nee			
Vegetation	ving sampling po		ded, explain any		
Hydrophytic Vegetation Present?       No       Is the Sampled Area within a Wetland?       No         Hydrophytic Soli Present?       No       If yes, optional Wetland Ster ID:       No         Remarks: (Explain alternative procedures here or in a separate report.)       The upland is located in a cleared pipeline corridor between a crop field and river. Vegetation is dominated by smooth brome.         VEGETATION - Use scientific names of plants:       Absolute       Dominant       Total Number of Dominant Species         1		int locations tr		y answers in Remarks)	
Hydrophytic Vegetation Present?       No       No       No         Hydric Soil Present?       No       Methand Pythonal Wetland?       No         Wetland Hydrology Present?       No       Methand Pythonal Wetland?       No         Wetland Hydrology Present?       No       Methand?       No         Wetland Internative procedures there or in a separate report)       The upland is located in a cleared pipeline corridor between a crop field and river. Vegetation is dominated by smooth brome.         VEGETATION - Use scientific names of plants.       Abolute       Dominant       Indicator       Nomer of Dominant         2	No	int locations, th	ansects, import	ant features, etc.	
No     No     No       Wettand Hydrology Present?     within a Wetland?     If yes, optional Wetland Site ID:       Remarks: (Explain alternative procedures here or in a separate report.)     The upland is located in a cleared pipeline corridor between a crop field and river. Vegetation is dominated by smooth brome.       VEGETATION - Use scientific names of plants.     Matolute     Dominant     Indicator       Incession     (Plot Size <u>30 ft</u> )     % Cover     Species?     Status       Incession     (Plot Size <u>30 ft</u> )     % Cover     Species?     Status       Incession     (Plot Size <u>30 ft</u> )     % Cover     Species?     Status       Incession     Indicator     Matholychyc     (R)       Image: Status     Image: Species?     Status     Number of Dominant       Image: Status     Image: Species?     Image: Species?     Image: Species?       Image: Species     Image: Species? <td></td> <td></td> <td></td> <td></td> <td></td>					
No         If yes, optional Wetland Hydrology Present?         No           Remarks: (Explain alternative procedures here or in a separate report.)         If yes, optional Wetland Site ID:           The upland is located in a cleared pipeline corridor between a crop field and river. Vegetation is dominated by smooth brome.         Mo           VEGETATION - Use scientific names of plants.         Abrohite         Dominant         Indicator           Vegetation         (hot Size 30 ft         Science?         Status         Number of Dominant           3.	No	is the San	ipied Area	No	
MetLand hydrology Present?		within a V	Vetland?		
The upland is located in a cleared pipeline corridor between a crop field and river. Vegetation is dominated by smooth brome.  VEGETATION - Use scientific names of plants.  VEGETATION - Use scientific names of plants.  Tree Stratum  (Plot size: 30 ft		If yes, opt	ional Wetland S	ite ID:	
VEGETATION - Use scientific names of plants.         Indicator         Stratum       Indicator         1					
Absolute % Cover       Dominant Species?       Indicator Status       Dominant Species         1	between a crop	field and river. \	egetation is do	minated by smooth brome.	
Absolute % Cover       Dominant Species?       Indicator Status       Dominant Species         1					
Statum       (Plot Size 30 ft       \$6 Cover       Species?       Status       Number of Dominant Species         1.				1	
1.					
2.		Species	Status		(A)
3.					(()
1.				-	(P)
Saping/Shrub Stratum (Plot Size; 15 ft         0         = Total Cover         That Are OBL, FACW, or FAC:         0         (A/B)           1					(B)
Sapling/Shrub Stratum (Plot Size: 15 ft)       Prevalence index worksheet:         1.	0	- Total Course	_	0	(A/P)
1.	0	= I otal Cover			(A/B)
3.					Multiply by:
A.				OBL species 0.00	x 1 0
S.					
0       = Total Cover       Column Totals       104       (A)       478       (B)         1. Bromus inermis       75.00       Yes       UPL       Hydrophytic Vegetation Indicators:       1. Brodugo gigantea       15.00       No       FAC       1. Apjid Test for Hydrophytic Vegetation         3. Actepias syriaca       10.00       No       UPL       No       FAC       1. Rapid Test for Hydrophytic Vegetation         4. Phalaris arundinacea       2.00       No       FACW       no       3. Prevalence Index is 3.0 <sup>1</sup> 5. Euthania graminifolia       2.00       No       FACW       no       3. Prevalence index is 3.0 <sup>1</sup> 6.					_ ^
Bromus inermis       75.00       Yes       UPL       Hydrophytic Vegetation Indicators:         2.       Solidago gigantea       15.00       No       FAC       1 - Rapid Test for Hydrophytic Vegetation         3.       Asclepias syriaca       10.00       No       UPL       no       2 - Dominance Test is > 50%         4.       Phalaris arundinacea       2.00       No       FACW       no       3 - Prevalence Index is < 3.0 <sup>1</sup> 5.       Euthamia graminifolia       2.00       No       FACW       no       3 - Prevalence Index is < 3.0 <sup>1</sup> 6.	0	= Total Cover			
2.       Solidago gigantea       15.00       No       FAC       1 - Rapid Test for Hydrophytic Vegetation         3.       Asclepias syriaca       10.00       No       UPL       no       2 - Dominance Test is > 50%         4.       Phalaris arundinacea       2.00       No       FACW       no       3 - Prevalence Index is < 3.0 <sup>1</sup> 5.       Euthamia graminifolia       2.00       No       FACW       -       4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)         7.				Prevalence Index = B/	A = 4.5961538
2.       Asclepias syriaca       1 × hajht result in Hydrophytic Vegetation         3.       Asclepias syriaca       10.00       No       UPL       no       2 - Dominance Test is > 50%         4.       Phalaris arundinacea       2.00       No       FACW       no       3 - Prevalence Index is < 3.0 <sup>1</sup> 5.       Euthamia graminifolia       2.00       No       FACW       no       3 - Prevalence Index is < 3.0 <sup>1</sup> 6.	75.00	Yes	UPL	Hydrophytic Vegetation Indicators	:
1000       NO       Gr (1)       M2       2 - Dofinitative rest is > 50%         4. Phalaris arundinacea       2.00       No       FACW       0       3 - Prevalence Index is < 3.0 <sup>1</sup> 5. Euthamia graminifolia       2.00       No       FACW       4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)         7.	-				
5. Euthamia graminifolia 2.00 No FACW 4 - Morphological Adaptations <sup>1</sup> (Provide supporting data in Remarks or on a separate sheet)   7	-	_			
5		_		-	
8				supporting data in Remarks or or	i a separate sheet)
a) a)   b) a)   a) a)   b) a)   b) a)   b) a)   b) a)   b) a)   c) a)   b) a)   c) <td></td> <td></td> <td></td> <td>Problematic Hydrophytic Vegetation</td> <td>1<sup>1</sup></td>				Problematic Hydrophytic Vegetation	1 <sup>1</sup>
unless disturbed or problematic.     10.     104   = Total Cover   104   = Total Cover   104   = Total Cover   0   = Total Cover   0   = Total Cover   Hydrophytic   Vegetation   Present?					
104       = Total Cover         104       = Total Cover         1.					ogy must be present,
Woody Vine Stratum (Plot Size: 30 ft)				_	
1.	104	= Total Cover			
2					
% Bare Ground in Herb Stratum 0 Hydrophytic Vegetation Present?				_	
% Bare Ground in Herb Stratum 0 Hydrophytic Vegetation Present?				_	
Vegetation Present?	0	= Total Cover			
Present?					
Remarks:					
The vegetation is dominated by smooth brome with common		No         In a separate report         r between a crop         Absolute         % Cover         0         0         1         0         1         0         1         0         1         0         1         0         1         0         1         0         1 <t< td=""><td>Within a V           No         If yes, opt           in a separate report.)         If yes, opt           r between a crop field and river. V         Dominant           % Cover         Species?          </td><td>No         within a Wetland?           If yes, optional Wetland S           in a separate report.)           r between a crop field and river. Vegetation is do           Absolute         Dominant           % Cover         Species?           Status           0         = Total Cover           0         = Total Cover           0         = Total Cover           15.00         No           15.00         No           2.00         No           2.00         No           2.00         No           Abcould         Excw           10.00         No           115.00         No           FAC         Excw           10.00         No           10.00         Indicator     </td></t<> <td>Within a Wetland?      </td>	Within a V           No         If yes, opt           in a separate report.)         If yes, opt           r between a crop field and river. V         Dominant           % Cover         Species?	No         within a Wetland?           If yes, optional Wetland S           in a separate report.)           r between a crop field and river. Vegetation is do           Absolute         Dominant           % Cover         Species?           Status           0         = Total Cover           0         = Total Cover           0         = Total Cover           15.00         No           15.00         No           2.00         No           2.00         No           2.00         No           Abcould         Excw           10.00         No           115.00         No           FAC         Excw           10.00         No           10.00         Indicator	Within a Wetland?

US Army Corps of	Engineers						Northcentral and Northe	
SOIL					<i>a</i>			Point: PO083a1U
	tion: (Describe to the d	lepth neede			firm the a	bsence of indic	ators.)	
Depth (in all a a)	Matrix	0/	Redox Feat		2	Tautura	Damar	
(inches)	Color (moist)	%	Color (moist)	% Type <sup>1</sup>	LOC-	Texture	Remar	KS
Type: C=Concen	tration, D=Depletion, RM=R	educed Matrix	, MS=Masked Sand Grains	 i.			<sup>2</sup> Location: PI	=Pore Lining, M=Matri
Hydric Soil Indica	tors:					Indicators for	Problematic Hydric Soil <sup>3</sup> :	
Histosol (A	1)		Sandy Gleyed Ma	atrix (S4)		🗌 1cm Mu	ick (A9) ( <b>LRR I, J</b> )	
Histic Epip			Sandy Redox (S5)			_	airie Redox (A16)( <b>LRR K, L,</b> I	R)
						_	face (S7) (LRR G)	-,
Black Histi			Stripped Matrix (			_		
└── Hydrogen	Sulfide (A4)		Loamy Mucky Mi		(, L)	∟ High Plai	ins Depressions (F16)	
└── Stratified L	Layers (A5)		Loamy Gleyed Ma	atrix (F2)		(LRR H ou	itside of MLRA 72 & 73)	
1cm Muck	(A9) ( <b>LRR F, G, H</b> )		Depleted Matrix	(F3)		Reduced	Vertic (F18)	
Depleted B	Below Dark Surface (A11)		Redox Dark Surfa	ace (F6)		Red Pare	ent Material (F21)	
Thick Dark	Surface (A12)		Depleted Dark Su	urface (F7)		🗌 Very Sha	llow Dark Surface (TF12)	
	cky Mineral (S1)		Redox Depression			Other (e	xplain in remarks)	
· ·			· · ·	. ,				
	cky Peat or Peat (S2)(LRR G	, H)	High Plains Depre	essions (F16)		<sup>3</sup> Indicators of	hydrophytic vegetation and	i
5cm Muck	y Peat or Peat (S3) (LRR F)		(MLRA 72 & 7	/3 of LRR H)			blogy must be present, unle	SS
						disturbed or p	roblematic.	
estrictive Layer (	(if present):							
Туре:					Hyd	ric Soil Present? N	0	
Depth (in	ches):							
Soils were not sa	mpled because of the location	on in an existin	ng pipeline corridor but are	e assumed to be	non-hydric	based on the domir	nant vegetation and landsca	pe position.
HYDROLOG	βY							
Netland Hydro	ology Indicators:							
rimary Indicat	tors (minimum of one is	required; cl	heck all that apply)			Second	dary Indicators (minimu	Im of two required
Surface W			Salt Crust (B11)				_ Surface Soil Cracks (B6)	
High Wate	er Table (A2)	_	Aquatic Invertebrat	tes (B13)			_Sparsely Vegetated Conca	ve Surface (B8)
Saturation		-	Hydrogen Sulfide O				_ Drainage Patterns (B10)	
Water Ma	ırks (B1)	_	Dry-Season Water T	able (C2)			Oxidized Rhizospheres or	1 Living Roots (C3)
Sediment	Deposits (B2)	_	Oxidized Rhizosphe	eres on Living Ro	ots (C3)		(where tilled)	
Drift Depo	osits (B3)		(where not tilled)				Crayfish Burrows (C8)	
Algal Mat	or Crust (B4)	-	Presence of Reduce	ed Iron (C4)			_Saturation Visible on Aeria	al Imagery (C9)
Iron Depo	sits (B5)	-	Thin Muck Surface (	(C7)			_Geomorphic Position (D2)	
Water-Sta	ained Leaves (B9)	-	Other (Explain in Re	emarks)			FAC-Neutral Test (D5)	
Inundation	n Visible on Aerial Imagery (	B7)					_Frost-Heave Hummocks ([	07) (LRR F)
ield Observat	ions:							
urface Water	Present?	No	Depth (inches	.)				
Vater Table Pr	resent?	No	Depth (inches	,)				
aturation Pres	sent?	No	Depth (inches	,)		Wetland Hy	drology Present?	No
includes capill								
Describe Recor	rded Data (stream gauge	e, monitorin	g well, aerial photos, p	previous inspe	ections), if	available:		
Remarks:								
No indicators o	of wetland hydrology w	ere observe	d.					
US Army Corps o	f Engineers						Northcentral and Northe	ast Region – Version 2.
						Sampling	Point: PO083a1U	
ite Photograph	11 1					Samping		